



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

24265

7590

06/20/2005

SCHERING-PLOUGH CORPORATION PATENT DEPARTMENT (K-6-1, 1990) 2000 GALLOPING HILL ROAD KENILWORTH, NJ 07033-0530

EXAMINER					
SWARTZ	, RODNEY P				
ART UNIT	PAPER NUMBER				

1645 DATE MAILED: 06/20/2005

- [APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
	10/829,107	04/21/2004	Jenny Valladeau	SF0695C	6480

TITLE OF INVENTION: ISOLATED MAMMALIAN MEMBRANE PROTEIN GENES; RELATED REAGENTS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	09/20/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.
- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

NSTRUCTIONS: This form should be used for transmitting the ISSUE PER and DVBLICATION PEE (if required). Blocks 1 through 3 should be completed where appropriate. All further correspondence methoding the Platest, deviace orders and nonlication of maintenance fees will be ministed to the current correspondence address as monitoriation of maintenance fees will be ministed to the current correspondence address as monitoriation of maintenance fees will be ministed to the current correspondence address as monitoriation of maintenance fees will be ministed by many of address as monitoriation of maintenance fees will be ministed by many of address as monitoriation of maintenance fees will be ministed by many of address as monitoriation of maintenance fees will be ministed by the current of mainting can only be used for domestic maintings of the Feed) Transmission of Monitoriation of the Control of the Property of the Control of the Property of the Prop					Ale	xandria, Virg	inia 22313-1450	
Magnetic andless corrected selects or directed otherwise in block 1, by (a) specifying 3 new correspondence address, and/or (b) indicting 3 separate **PLADINESS** (b) CURRENT CORRESPONDENCE ADDRESS (blue to Billis) if the way sharpy of address) SCHERING-PLOUGH CORPORATION PATENT DEPARTMENT (K-6-1, 1990) LOSSI (C) CORPORATION APPLICATION NO. FILING DATE FIRST NAMED INVENTOR APPLICATION NO. FILING DATE FIRST NAMED INVENTOR APPLICATION NO. FILING DATE FIRST NAMED INVENTOR APPLICATION NO. FILING DATE PROPERTMENT OF INVENTION: ISOLATED MAMMALIAN MEMBRANE PROTEIN GENES; RELATED REAGENTS APPLICATION NO. STARL ENTITY ISSUE FIE PUBLICATION FIE TOTAL FEE(S) DUE DATE DUE NORPOYSISONE APPLICATION FIE TOTAL FEE(S) DUE DATE DUE NORPOYSISONE EXAMINER ART UNIT CLASS-SUBCLASS 1. Change of correspondence address or indication of "Fee Address" (37) CFR 1,50s) CFR 1,50s CFR 1,								
24265 7590 06202005 SCHERING-PLOUGH CORPORATION PATENT DEPARTMENT (K.6-1, 1990) 2000 GALLOPING HILL ROAD KENILWORTH, NJ 07033-0530 CENTRES OF THE STAMED INVENTOR APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10829,107 04721/2004 Jensy Valladeau SF0695C 6480 TITLE OF INVENTION: ISOLATED MAMMALIAN MEMBRANE PROTEIN GENES, RELATED REAGENTS APPLY TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO S1400 S100 S1700 09/20/2005 EXAMINER ART UNIT CLASS SUBCLASS SWARTZ, RODNEY P 1645 SSOR, alternatively, Audition for "Fee Address" (1) Class subgrain of the patent from page, list (1) the names of up to 3 registered attorney or agent) and the names of up to 1 registered attorney or agent) and the names of up to 1 registered attorney or agent) and the names of up to 1 registered attorney or agent) and the names of up to 1 registered attorney or agent and the names of up to 1 registered attorney or agent) and the names of up to 1 registered attorney or agent and the names of up to 1 registered patent attorneys or agent and the names of up to 1 registered attorney or agent and the names of up to 1 registered attorney or agent and the names of up to 1 registered attorney or agent and the names of up to 1 registered attorney or agent and the names of up to 1 registered attorney or agent and the names of up to 1 registered attorney or agent and the names of up to 1 registered attorney or agent and the names of up to 1 registered attorney or agent and the names of up to 1 registered attorney or agent and the names of up to 1 registered attorney or agent and the names of up to 1 registered attorney or agent and the names of up to 1 registered attorney or agent and the names of up to 1 registered attorney or agent and the names of up to 1 registered attorney or agent and the names of up to	indicated unless corrected	below or directed otherwise	smitting the ISSU Patent, advance or in Block 1, by (a	E FEE and Pl ders and notific) specifying a	UBLICATIO cation of ma new corresp	ON FEE (if requiaintenance fees wondence address;	red). Blocks I through 5 s vill be mailed to the current and/or (b) indicating a sepa	hould be completed where correspondence address as arate "FEE ADDRESS" for
SCHERING-PLOUGH CORPORATION PATENT DEPARTMENT (K-6-1, 1990) SCHERING-PLOUGH CORPORATION PATENT DEPARTMENT (K-6-1, 1990) SCHERING-PLOUGH CORPORATION PATENT DEPARTMENT (K-6-1, 1990) SOUG GALLOPING HILL ROAD KENILWORTH, NJ 07033-0530 APPLICATION NO FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONTRIBATION NO. 10829,107 04/21/2004 Jenny Valladeau SF0695C 6480 APPLICATION NO FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONTRIBATION NO. 10829,107 04/21/2004 Jenny Valladeau SF0695C 6480 TITLE OF INVENTION: ISOLATED MAMMALIAN MEMBRANE PROTEIN GENES; RELATED REAGENTS APPLY PE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO S1400 S300 S1700 09/20/2005 EXAMINER ART UNIT CLASS SUBCLASS SWARTZ, RODNEY P 1645 S36-023500 1. Change of correspondence address or indication of "Fee Address" (27) (16) en among only to 3 registered patent attorneys a registered attorney or agent) and the names of up to 1 registered attorneys or agent) and the names of up to 1 registered patent attorneys or agent and the names of up to 1 registered attorneys or agent and the names of up to 1 registered attorneys or agent and the names of up to 1 registered attorneys or agent and the names of up to 1 registered attorneys or agent and the names of up to 1 registered attorneys or agent and the names of up to 1 registered attorneys or agent and the names of up to 1 registered attorneys or agent and the names of up to 1 registered attorneys or agent and the names of up to 1 registered attorneys or agent and the names of up to 1 registered attorneys or agent and the names of up to 1 registered attorneys or agent and the names of up to 1 registered attorneys or agent and the names of up to 1 registered attorneys or agent and the names of up to 1 registered attorneys or agent and the names of up to 1 registered attorneys or agent and the names of up to 1 registered attorneys or agent and the names of up to 1 registered attorneys or agent and the names of up to 1 registered attorneys or agent and the	CURRENT CORRESPONDENCE	CE ADDRESS (Note: Use Block 1 for	any change of address)	_	Note	A certificate of	mailing can only be used for	or domestic mailings of the
SCHERING-PLOUGH CORPORATION PATENT DEPARTMENT (K-6-1, 1990) PATENT DEPARTMENT (K-6-1, 1990) Leney comity of this Feet) Transmission Leney comity of the United States Postal Service with sufficient postage for first states above, or being facinite remainted to the USPTO (703) 746-4000, on the date indicated below. Opposite from the committed of the USPTO (703) 746-4000, on the date indicated below. Opposite from the committed of the USPTO (703) 746-4000, on the date indicated below. Opposite from the committed of the USPTO (703) 746-4000, on the date indicated below. Opposite from the committed of the USPTO (703) 746-4000, on the date indicated below. Opposite from the committed of the USPTO (703) 746-4000, on the date indicated below. Opposite from the committed of the USPTO (703) 746-4000, on the date indicated below. Opposite from the Committed of the USPTO (703) 746-4000, on the date indicated below. Opposite from the Committed of the USPTO (703) 746-4000, on the date indicated below. Opposite from the Committed of the USPTO (703) 746-4000, on the date indicated below. Opposite from the Committed of the USPTO (703) 746-4000, on the date indicated below. Opposite from the Committed of the Use of a Canadian of Transmission of Transmission (100) 100 100 100 100 100 100 100 100 100	24245 7	500 05707005			Fee(s) Transmittal. Thes. Each additions	is certificate cannot be used il paper, such as an assignme	for any other accompanying
PATENT DEPARTMENT (K6-1, 1990) 2000 GALLOPING HILL ROAD KENILWORTH, NJ 07033-0530 Comparison of the Comparison of t			IONI		Have		-	
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/829,107 04/21/2004 Jenny Valladeau SF0695C 6480 TITLE OF INVENTION: ISOLATED MAMMALIAN MEMBRANE PROTEIN GENES; RELATED REAGENTS APPLN. TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1400 \$300 \$1700 09/20/2005 EXAMINER ART UNIT CLASS-SUBCLASS SWARTZ, RODNEY P 1645 336-023500 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.63), all entitively companies of the companies	PATENT DEPAR 2000 GALLOPING	TMENT (K-6-1, 1990 G HILL ROAD			State	eby certify that the Postal Service v	nis Fee(s) Transmittal is bein with sufficient postage for fir	g deposited with the United
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/829,107 04/21/2004 Jenny Valladeau SF0695C 6480 TITLE OF INVENTION: ISOLATED MAMMALIAN MEMBRANE PROTEIN GENES; RELATED REAGENTS APPLN TYPE SMALL ENTITY ISSUE FE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO S1400 \$300 \$1700 09/20/2005 EXAMINER ART UNIT CLASS-SUBCLASS SWATZ, RODNEY P 1645 \$36-023500 1. Change of correspondence address or indication of "Fee Address" (77 CFR 1/53). Change of correspondence address or indication of "Fee Address" (77 CFR 1/53). 1. Changes of correspondence address or change of Correspondence Address form PTO/SB147; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents. If no name is 1 registered attached the names of up to 2 registered patent attorneys or agents. If no name is 3 registered patent attorneys or agents. If no name is 3 registered patent attorneys or agents. If no name is 3 registered patent attorneys or agents. If no name is 3 registered patent attorneys or agents. If no name is 3 registered patent attorneys or agents. If no name is 3 registered patent attorneys or agents. If no name is 3 registered patent attorneys or agents. If no name is 3 registered patent attorneys or agents. If no name is 3 registered patent attorneys or agents. If no name is 3 registered patent attorneys or agents. If no name is 3 registered patent attorneys or agents. If no name is 3 registered patent attorneys or agents. If no name is 3 registered patent attorneys or agents. If no name is 3 registered patent attorneys or agents. If no name is 3 registered patent attorneys or agent. If no name is 3 registered patent attorneys or agent. If no name is 3 registered patent attorneys or agent. If no name is 3 registered patent attorneys or agent. If no name is 3 registered patent attorneys or agent. If no name is 3 registered patent attorneys or agent. If no name	KENILWORTH, I	NJ U7033-0330						
APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO.							<u> </u>	(Signature)
10829,107								(Date)
APPLN.TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(s) DUE DATE DUE nonprovisional NO \$1400 \$300 \$1700 09/20/2005 EXAMINER ART UNIT CLASS-SUBCLASS SWARTZ, RODNEY P 1645 \$36-023500 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). CFR 1.363). CFR 3.640-02 for correspondence address or indication of "Fee Address" (37 CFR 1.364). PTOSABAT, Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government data. The following fee(s) are enclosed: Publication Fee (No small entity discount permitted) Payment of Fee(s): A check in the amount of the fee(s) is enclosed. Publication Fee (No small entity discount permitted) Payment of Fee(s): A check in the amount of the fee(s) is enclosed. Payment of Fee(s): A check in the amount of the fee(s) or credit any overpayment, to Deposit Account Number Deposit Acc	APPLICATION NO.	FILING DATE		FIRST NAMED	INVENTOR		ATTORNEY DOCKET NO.	CONFIRMATION NO.
APPLN, TYPE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1400 \$300 \$1700 09/20/2005 EXAMINER ART UNIT CLASS-SUBCLASS SWARTZ, RODNEY P 1645 '536-023500 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1,543). Change of correspondence address (or Change of Correspondence Address form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent if an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignmen. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government 4a. The following fee(s) are enclosed: Debication Fee (No small entity discount permitted) Achance Order - # of Copies	10/829,107	04/21/2004		Jenny Val	ladeau		SF0695C	6480
nonprovisional NO \$1400 \$300 \$1700 \$09/20/2005 EXAMINER ART UNIT CLASS-SUBCLASS SWARTZ, RODNEY P 1645 \$36-023500 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563). Change of correspondence address (or Change of Correspondence Address from PTO/SB/122) attached. Address from PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/127, Rev 03.02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT as a substitute for filing an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT. The Director of the Completion of the fee(s) is enclosed. Payment by credit card. Form PTO-2038 is attached. Payme	TITLE OF INVENTION: IS	SOLATED MAMMALIAN	MEMBRANE PRO	OTEIN GENES	; RELATEL	REAGENTS		
EXAMINER ART UNIT CLASS-SUBCLASS SWARTZ, RODNEY P 1645 536-023500 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.563). Change of correspondence address (or Change of Correspondence Address form PTO/SB47/22) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB47/22) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB47/22) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB47/22) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB47/22) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB47/22) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB47/22) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB47/22) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB47/22) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB47/22) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB47/22) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB47/22) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB47/22) attached. Change in Entity Status (from status indicated above) Application Fee (No small entity discount permitted) Application Fee (No small entity Status (from status indicated above) Application Fee (No small entity Status (from status indicated above) Applicant claims SMALL ENTITY status. See 37 CFR 1.27. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. Change in Entity	APPLN. TYPE	SMALL ENTITY	ISSUE FI	EE	PUBLIC	ATION FEE	TOTAL FEE(S) DUE	DATE DUE
SWARTZ, RODNEY P 1645 '536-023500 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.163). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. The Entry Rev 03-02 or more recent) attached. Use of a Customer PUO/SB/47, Rev 03-02 or more recent) attached. Use of a Customer Pumber is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government 4a. The following fee(s) are enclosed: Advance Order - # of Copies Deposit Account Number (enclose an extra copy of this form). 5. Change in Entity Status (from status indicated above) Advance Order - # of Copies Advance Order - # of Copies Deposit Account Number (enclose an extra copy of this form). 5. Change in Entity Status (from status indicated above) A Applicant claims SMALL ENTITY status. See 37 CFR 1.27. D. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.	nonprovisional	NO	\$1400)	!	\$300	\$1700	09/20/2005
1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.53). Change of correspondence address (or Change of Correspondence Address form PTO/SBI/122) attached. Change of Correspondence Address f	EXAM	MINER	ART UN	IT	CLASS-	SUBCLASS]	
CFR 1.363). Change of correspondence address (or Change of Correspondence Address Indication (or "Fee Address" Indication form PTO/SB/1/22) attached. Pree Address" indication (or "Fee Address" Indication form PTO/SB/1/3 Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government 4a. The following fee(s) are enclosed: Sissue Fee	SWARTZ,	RODNEY P	1645		536-	023500		
Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication for "Fee Address" Indication form PTO/SB/147; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filled for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Dissue Fee		e address or indication of "F	ee Address" (37	•				
"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government 4b. Payment of Fee(s): A check in the amount of the fee(s) is enclosed. Publication Fee (No small entity discount permitted) Advance Order - # of Copies Payment of Fee(s): Payment of Fee(s): A check in the amount of the fee(s) is enclosed. Payment by credit card. Form PTO-2038 is attached. Advance Order - # of Copies Payment of Fee(s): A check in the amount of the fee(s) is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to peposit Account Number (enclose an extra copy of this form). 5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if rany) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.	Change of correspon	dence address (or Change of	Correspondence	(1) the nam or agents Ol	es of up to R, alternativ	3 registered pater ely,	nt attorneys	
PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government da. The following fee(s) are enclosed: Ab Payment of Fee(s): A check in the amount of the fee(s) is enclosed. Payment by credit card. Form PTO-2038 is attached. Advance Order - # of Copies Deposit Account Number Deposit Account	Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer			(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is 3				
recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government 4a. The following fee(s) are enclosed: 4b. Payment of Fee(s): Issue Fee Publication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached. Payment by cre	3. ASSIGNEE NAME ANI	RESIDENCE DATA TO B	E PRINTED ON T	HE PATENT	(print or type	e)	·	
Please check the appropriate assignee category or categories (will not be printed on the patent):	PLEASE NOTE: Unless recordation as set forth i	s an assignee is identified be n 37 CFR 3.11. Completion	elow, no assignee of this form is NO	data will appea I a substitute fo	ar on the pa or filing an a	tent. If an assign ssignment.	nee is identified below, the o	document has been filed for
4a. The following fee(s) are enclosed: Sissue Fee	(A) NAME OF ASSIGN	IEE	(B) RESIDENCE	E: (CITY and	STATE OR CO	UNTRY)	
4a. The following fee(s) are enclosed: Sissue Fee								
□ Issue Fee □ A check in the amount of the fee(s) is enclosed. □ Publication Fee (No small entity discount permitted) □ Payment by credit card. Form PTO-2038 is attached. □ Advance Order - # of Copies □ □ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number □ (enclose an extra copy of this form). 5. Change in Entity Status (from status indicated above) □ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. □ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Date □ Da						Individual C	orporation or other private gr	roup entity Government
Publication Fee (No small entity discount permitted) Advance Order - # of Copies	•	enclosed:	46		. ,	64 6 ():		
Advance Order - # of Copies Deposit Account Number tenclose an extra copy of this form). 5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Date		11	- . N	_				
Deposit Account Number				-				
a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Date	Advance Order - # 0	Copies		Deposit Accou	unt Number	authorized by c	(enclose an extra	copy of this form).
The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Authorized Signature						l-:: CMA	I I ENTITY C 22 C	CED 1 27(-)(2)
Authorized Signature Date								
	NOTE: The Issue Fee and I interest as shown by the rec	Publication Fee (if required) to apply the iss Publication Fee (if required) tords of the United States Pat	will not be accepted ent and Trademark	from anyone of Office.	other than th	e applicant; a reg	istered attorney or agent; or t	the assignee or other party in
Typed or printed name Registration No	Authorized Signature					Date		
	Typed or printed name				Registration	No		

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/829,107 04/21/2004		Jenny Valladeau	SF0695C	6480
24265	7590 06/20/2005		EXAM	INER
	PLOUGH CORPORAT		SWARTZ, F	RODNEY P
	ARTMENT (K-6-1, 1999 ING HILL ROAD))	ART UNIT	PAPER NUMBER
KENILWORTI	H, NJ 07033-0530		1645	
			DATE MAILED, 06/20/200	-

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.